

=> file reg

FILE 'REGISTRY' ENTERED AT 16:56:26 ON 07 DEC 2005
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=> display history full l1-

FILE 'REGISTRY' ENTERED AT 16:34:07 ON 07 DEC 2005
ACT ELH215/A

L1 STR
L2 323 SEA SSS FUL L1

FILE 'HCA' ENTERED AT 16:36:08 ON 07 DEC 2005

L3 177 SEA L2
L4 103705 SEA KERATIN? OR HAIR? OR SCALP?
L5 QUE COUPL?
L6 14259 SEA (OXIDA? OR OXIDI? OR OXIDN#) (2A) (BASE# OR BASIC?)
L7 976790 SEA (MIXT# OR MIXTURE? OR BLEND? OR ADMIX? OR COMMIX? OR
IMMIX? OR INTERMIX? OR COMPOSIT? OR COMPN# OR COMPSN# OR
FORMULAT? OR INTERSPER?)/TI
L8 1 SEA L3 AND L4
L9 149 SEA L3 AND L5
L10 0 SEA L3 AND L6
L11 4 SEA L3 AND L7
L12 1451681 SEA (COLOR? OR COLOUR? OR PIGMENT? OR DYE? OR STAIN? OR
PAINT? OR CHROMA# OR CHROMOGEN? OR CHROMOPHOR? OR TINCT?
OR TINT?)/BI,AB
L13 167 SEA L3 AND L12
L14 146 SEA L13 AND L9
L15 2 SEA L14 AND L7

FILE 'HCAPLUS' ENTERED AT 16:40:59 ON 07 DEC 2005

L16 6719 SEA VIDAL ?/AU
L17 1031 SEA LAGRANGE ?/AU
L18 31 SEA L16 AND L17
L19 200 SEA VIDAL L?/AU
L20 287 SEA LAGRANGE A?/AU
L21 4 SEA L19 AND L20

FILE 'REGISTRY' ENTERED AT 16:47:10 ON 07 DEC 2005

L22 177 SEA (124-43-6/BI OR 7722-84-1/BI OR 106-50-3/BI OR
L23 13 SEA L22 AND L2

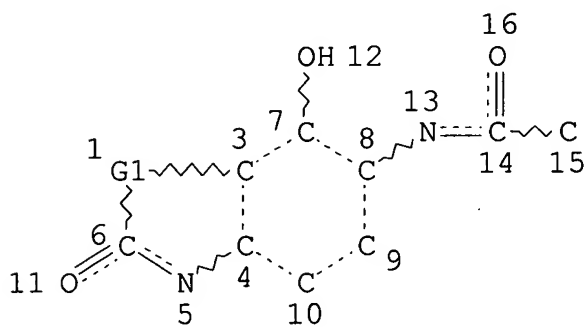
FILE 'HCA' ENTERED AT 16:48:36 ON 07 DEC 2005

L24 6 SEA L23
 L25 96919 SEA (COSMETIC? OR SHAMPOO? OR SKINCARE? OR SCALPCARE? OR
 HAIRCARE? OR (SKIN# OR DERMA? OR SCALP? OR KERATIN? OR
 HAIR#) (2A) (CARE? OR TREAT? OR CONDITION?) OR SKINMASK?
 OR FACEMASK? OR SUNSCREEN? OR SUNBLOCK?)/BI,AB
 L26 27510 SEA (SUNSHADE? OR SUNMASK? OR (SKIN# OR FACE# OR SUN# OR
 SOLAR? OR ULTRAVIOLET? OR ULTRA(W)VIOLET? OR UV) (2A) (SCRE
 EN? OR BLOCK? OR SHADE? OR MASK?) OR MAKEUP? OR MAKE(W)UP
 OR ROUGE? OR MASCARA? OR LIPSTICK?)/BI,AB
 L27 0 SEA L3 AND (L25 OR L26)
 L28 9 SEA L8 OR L11 OR L15 OR L24

FILE 'REGISTRY'

=> d l2 que stat

L1 STR



REP G1=(1-3) C

NODE ATTRIBUTES:

NSPEC IS RC AT 15

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L2 323 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 6060 ITERATIONS

323 ANSWERS

SEARCH TIME: 00.00.01

=> file hca

FILE 'HCA' ENTERED AT 16:56:55 ON 07 DEC 2005

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=> d 128 1-9 cbib abs hitstr hitind

L28 ANSWER 1 OF 9 HCA COPYRIGHT 2005 ACS on STN

141:396980 Coloring **compositions**, dispersions containing them and their use in thermal transfer and ink-jet printing inks and printing method. Takahashi, Mari; Suzuki, Takashi; Ikemizu, Hiroshi; Ikesu, Satoru (Konica Minolta Holdings, Inc., Japan). Jpn. Kokai Tokkyo Koho JP 2004307633 A2 20041104, 74 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2003-102763 20030407.

AB The compns. having high-d. black color, can form images with good light resistance and stability, contain bisazo compds. of Q1N=NZN=NQ2 (Q1, Q2 = arom. groups; Z = 5- or 6-membered N-contg. heterocyclic rings), and can be formulated with (preferably oil-sol.) polymers which become shell components of coloring microparticles, and org. solvents having b.p. higher than 150.degree..

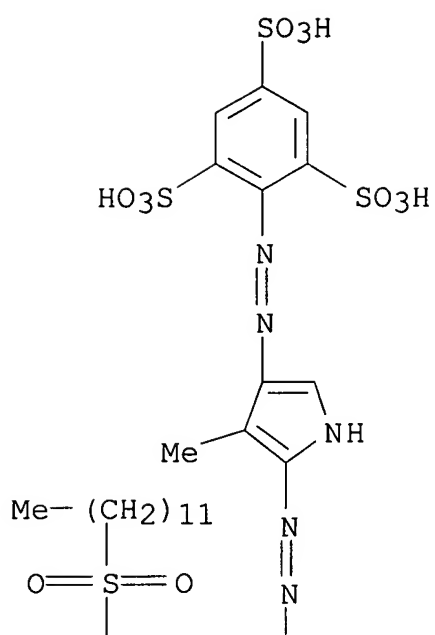
IT **786697-02-7**

(dyes; coloring compns. with good light resistance and high d., dispersions contg. them and their use in thermal transfer and ink-jet printing inks)

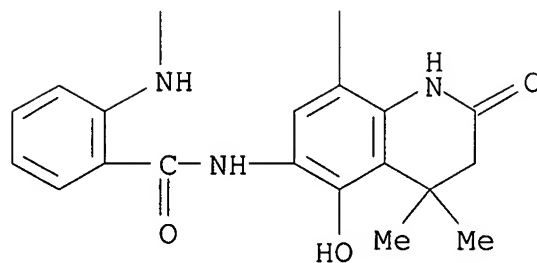
RN 786697-02-7 HCA

CN 1,3,5-Benzenetrisulfonic acid, 2-[[5-[[6-[[2-[(dodecylsulfonyl)amino]benzoyl]amino]-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-8-quinolinyl]azo]-4-methyl-1H-pyrrol-3-yl]azo]-, trisodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



● 3 Na

IC ICM C09B031-12
 ICS B41J002-01; B41M005-00; B41M005-30; B41M005-38; C09B067-08;
 C09B067-46; C09D011-00; C09D017-00

CC 42-12 (Coatings, Inks, and Related Products)
Section cross-reference(s): 74

IT 786696-84-2 786696-85-3 786696-86-4 786696-87-5 786696-88-6
786696-89-7 786696-90-0 786696-91-1 786696-92-2 786696-93-3
786696-94-4 786696-95-5 786696-96-6 786696-97-7 786696-98-8
786696-99-9 786697-00-5 786697-01-6 **786697-02-7**
786697-03-8 786697-04-9 786697-05-0 786697-06-1 786697-07-2
786697-08-3 786697-09-4 786697-10-7 786697-11-8 786697-12-9
786697-13-0 786697-14-1 786697-15-2 786697-16-3 786697-17-4
786697-18-5 786697-19-6 786697-20-9 786697-21-0 786697-22-1
(dyes; coloring compns. with good light resistance and high d.,
dispersions contg. them and their use in thermal transfer and
ink-jet printing inks)

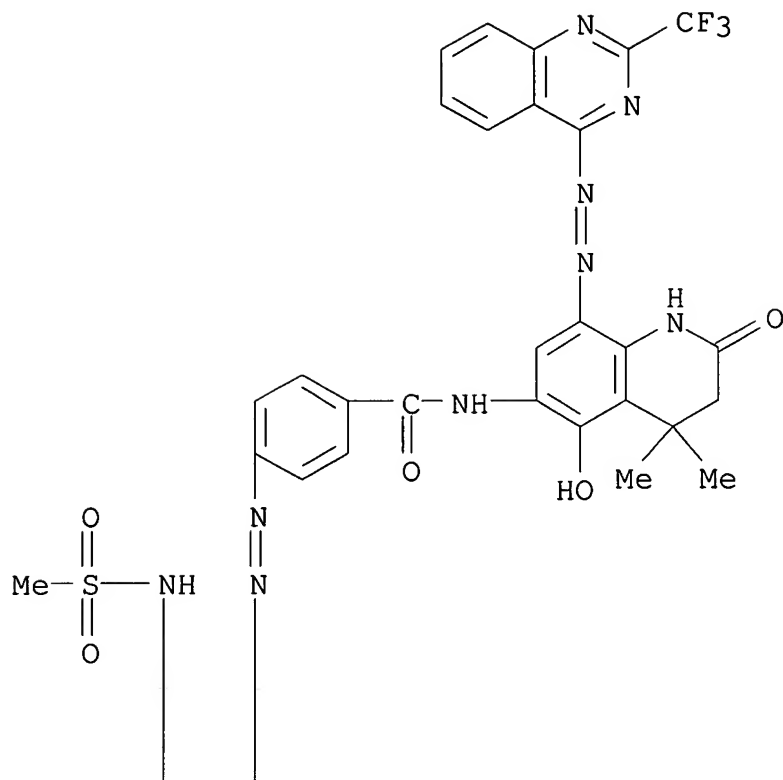
L28 ANSWER 2 OF 9 HCA COPYRIGHT 2005 ACS on STN
141:351532 Azo **dye** compounds and black **coloring**
compositions, ink-jet inks and thermal transfer printing
materials using them and method of use. Suzuki, Takashi; Ikesu,
Satoru; Takahashi, Mari; Ikemizu, Hiroshi (Konica Minolta Holdings,
Inc., Japan). Jpn. Kokai Tokkyo Koho JP 2004285224 A2 20041014, 82
pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2003-79520
20030324.

AB The **dye** compds. having deep neutral black tone, are
selected from diazo compds. having OH-substituted specific
structures and **chromophoric** group or azo compds. having
benzoquinoimine, benzoquinone methide, naphthoquinone imine or
naphthoquinomethide structure.

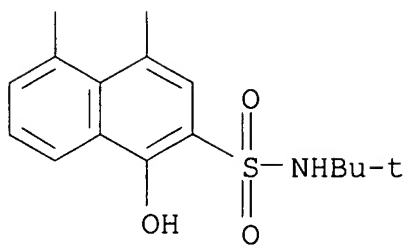
IT **774216-66-9**
(black **dye**; manuf. and use of azo **dye** compds.
for ink-jet inks and thermal transfer printing materials with
deep black tone)

RN 774216-66-9 HCA
CN Benzamide, 4-[[3-[[[(1,1-dimethylethyl)amino]sulfonyl]-4-hydroxy-8-
[(methylsulfonyl)amino]-1-naphthalenyl]azo]-N-[1,2,3,4-tetrahydro-5-
hydroxy-4,4-dimethyl-2-oxo-8-[[2-(trifluoromethyl)-4-
quinazolinyl]azo]-6-quinolinyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



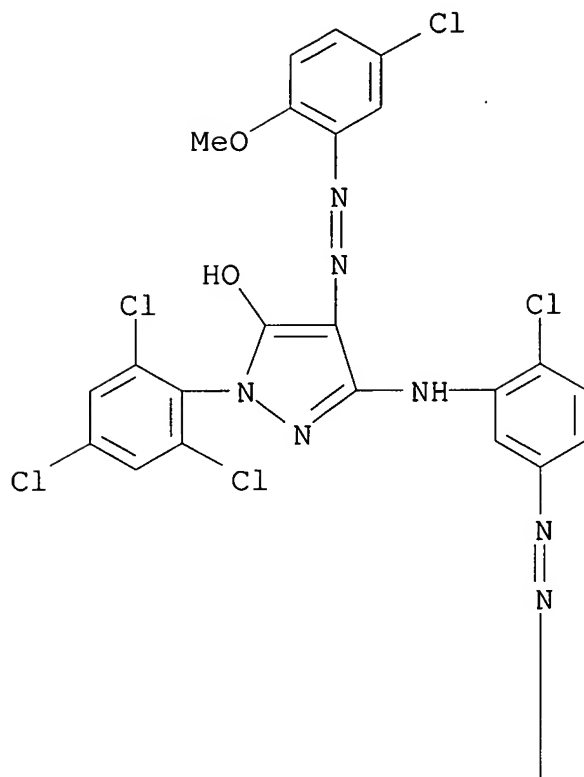
PAGE 2-A



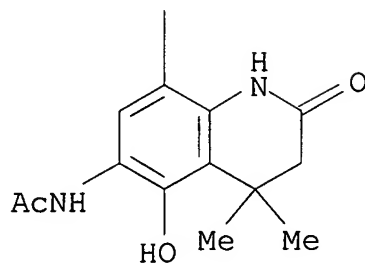
IC ICM C09B056-02
 ICS B41J002-01; B41M005-00; B41M005-30; B41M005-38; C09B031-068;
 C09B055-00; C09D011-00; C09B001-54
 CC 42-12 (Coatings, Inks, and Related Products)
 Section cross-reference(s): 41, 74
 ST diazo **dye** benzoquinomimine methide naphthoquinomethide
 structure ink jet ink; thermal transfer printing material diazo
dye

- IT Inks
(jet-printing; manuf. and use of azo **dye** compds. for ink-jet inks and thermal transfer printing materials with deep black tone)
- IT Azo **dyes**
Thermal-transfer printing
(manuf. and use of azo **dye** compds. for ink-jet inks and thermal transfer printing materials with deep black tone)
- IT 774216-57-8 774216-58-9 774216-59-0 774216-60-3 774216-61-4
774216-62-5 774216-63-6 774216-64-7 774216-65-8
774216-66-9 774216-67-0 774216-68-1
(black **dye**; manuf. and use of azo **dye** compds. for ink-jet inks and thermal transfer printing materials with deep black tone)
- IT 63059-34-7
(**coupling** component; manuf. and use of azo **dye** compds. for ink-jet inks and thermal transfer printing materials with deep black tone)
- IT 774216-69-2 774216-70-5
(diazonium component; manuf. and use of azo **dye** compds. for ink-jet inks and thermal transfer printing materials with deep black tone)
- L28 ANSWER 3 OF 9 HCA COPYRIGHT 2005 ACS on STN
141:351531 Azo dye compounds for black coloring **compositions**,
ink-jet inks and thermal transfer printing materials using them and method of use. Suzuki, Takashi; Ikesu, Satoru; Takahashi, Mari; Ikemizu, Hiroshi (Konica Minolta Holdings, Inc., Japan). Jpn. Kokai Tokkyo Koho JP 2004285223 A2 20041014, 149 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2003-79519 20030324.
- AB The dye compds. having deep neutral black tone, are selected from diazo compds. having unique conjugated heterocyclic ring units.
- IT **774473-46-0 774473-48-2 774473-54-0**
(manuf. and use of azo dye compds. for ink-jet inks and thermal transfer printing materials with deep black tone)
- RN 774473-46-0 HCA
- CN Acetamide, N-[8-[[4-chloro-3-[[4-[(5-chloro-2-methoxyphenyl)azo]-5-hydroxy-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]amino]phenyl]azo]-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl]- (9CI)
(CA INDEX NAME)

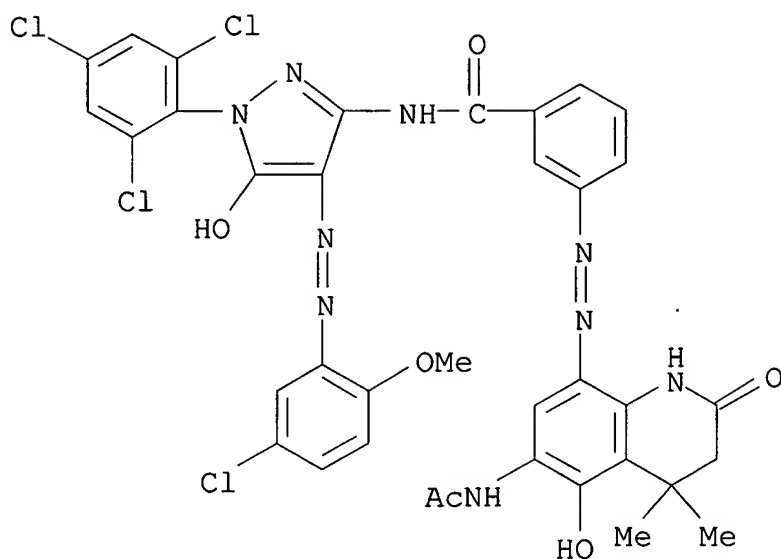
PAGE 1-A



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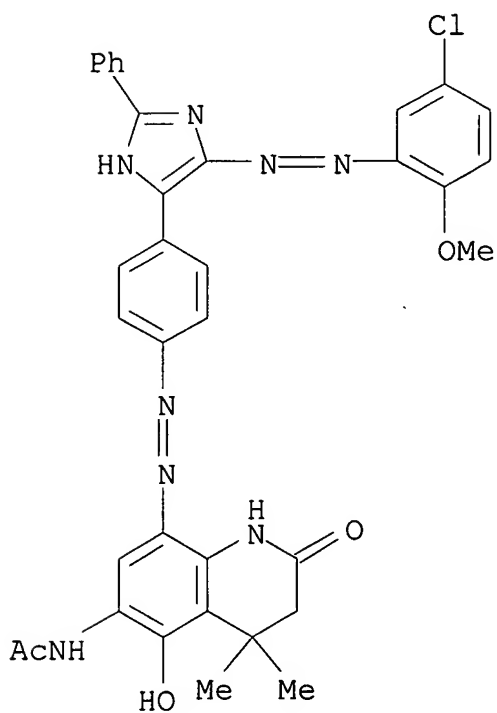


RN 774473-48-2 HCA
 CN Benzamide, 3-[[6-(acetylamino)-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-8-quinolinyl]azo]-N-[4-[(5-chloro-2-methoxyphenyl)azo]-5-hydroxy-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 774473-54-0 HCA

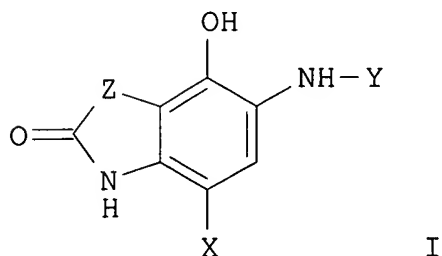
CN Acetamide, N-[8-[[4-[[5-[(5-chloro-2-methoxyphenyl)azo]-2-phenyl]-1H-imidazol-4-yl]phenyl]azo]-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl]- (9CI) (CA INDEX NAME)



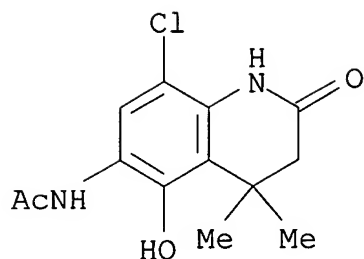
IC ICM C09B031-068

ICS B41J002-01; B41M005-00; B41M005-30; B41M005-38; C07D231-52;
 C07D233-88; C07D401-12; C09B056-02; C09D011-00
 CC 42-12 (Coatings, Inks, and Related Products)
 Section cross-reference(s): 41, 74
 IT 774473-45-9 **774473-46-0** 774473-47-1 **774473-48-2**
 774473-49-3 774473-50-6 774473-51-7 774473-52-8 774473-53-9
774473-54-0 774473-55-1 774473-56-2 774473-57-3
 774473-58-4 774473-59-5 774473-60-8 774473-61-9 774473-62-0
 774473-63-1 774473-64-2 774473-65-3 774473-66-4 774473-67-5
 774473-68-6 774473-69-7 774473-70-0 774473-71-1 774473-72-2
 774473-73-3
 (manuf. and use of azo dye compds. for ink-jet inks and thermal
 transfer printing materials with deep black tone)

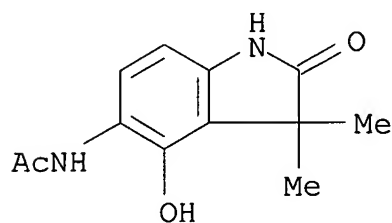
L28 ANSWER 4 OF 9 HCA COPYRIGHT 2005 ACS on STN
 141:158511 Low-molecular weight carbostyryl compounds showing high
 reactivity to azo compounds and phenylene diamine oxidants.
 Shimada, Yasuhiro; Shishido, Tadao (Fuji Photo Film Co., Ltd.,
 Japan). Jpn. Kokai Tokkyo Koho JP 2004217605 A2 20040805, 12 pp.
 (Japanese). CODEN: JKXXAF. APPLICATION: JP 2003-10169 20030117.
 GI



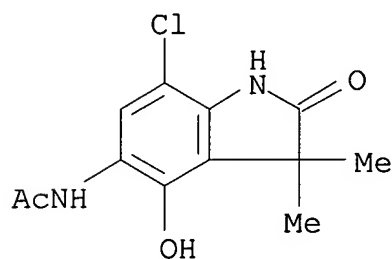
AB The compds. are I [X = H, halo, alkoxy, etc.; Y = COR₁; Z = NR₂, O,
 S, CMe₂, CH₂CMe₂; R₁ = C₁-5 (fluoro)alkyl; C₁-5 OH-substituted
 alkyl; R₂ = H, . C₁-5 unsubstituted alkyl; when R₁ = Me, X = H or Cl;
 when R₁ = CF₃, X .noteq. Cl]. Thus, I (X = Y = H, Z = CMe₂) was
 amidated with MeCOCl to give I (X = H, Y = COMe, Z = CMe₂).
 IT **465535-09-5P 721915-54-4P 721915-56-6P**
721915-59-9P 721915-61-3P 721915-63-5P
 (manuf. of low-mol. wt. carbostyryl compds. as dye precursors
 showing high reactivity to azo compds. and phenylene diamine
 oxidants)
 RN 465535-09-5 HCA
 CN Acetamide, N-(8-chloro-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-
 oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



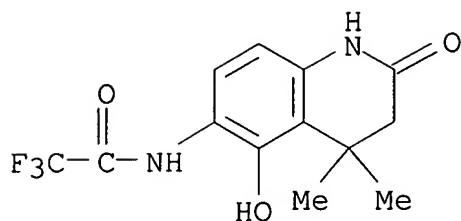
RN 721915-54-4 HCA
 CN Acetamide, N-(2,3-dihydro-4-hydroxy-3,3-dimethyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



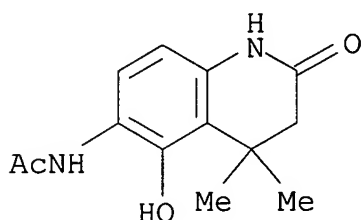
RN 721915-56-6 HCA
 CN Acetamide, N-(7-chloro-2,3-dihydro-4-hydroxy-3,3-dimethyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



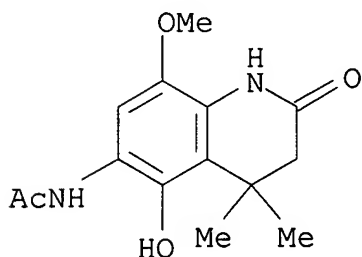
RN 721915-59-9 HCA
 CN Acetamide, 2,2,2-trifluoro-N-(1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



RN 721915-61-3 HCA
 CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



RN 721915-63-5 HCA
 CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-8-methoxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



IC ICM C07D209-34
 ICS C07D215-22
 CC 41-9 (Dyes, Organic Pigments, Fluorescent Brighteners, and Photographic Sensitizers)
 Section cross-reference(s): 27
 IT **465535-09-5P 721915-54-4P 721915-56-6P**
721915-59-9P 721915-61-3P 721915-63-5P
 (manuf. of low-mol. wt. carbostyryl compds. as dye precursors showing high reactivity to azo compds. and phenylene diamine oxidants)

L28 ANSWER 5 OF 9 HCA COPYRIGHT 2005 ACS on STN

141:128429 **Hair dye compositions**

comprising an acylaminophenol **coupler**. Vidal, Laurent; Lagrange, Alain (L'oreal, Fr.). Eur. Pat. Appl. EP 1438949 A1 20040721, 18 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK. (French). CODEN: EPXXDW. APPLICATION: EP 2004-290072 20040112. PRIORITY: FR 2003-540 20030117.

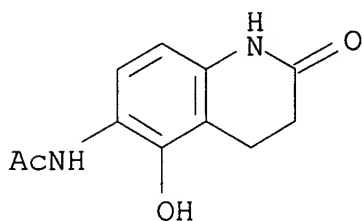
AB **Hair dye** compns. comprise an acylaminophenol **coupler** such as N-(8-chloro-4-hydroxy-3,3-dimethyl-2-oxo-2,3-dihydroindol-5-yl)acetamide (I). Thus, I was prepd. by the N-acetylation of the corresponding amine. A compn. contained I 4×10^{-4} and 4-aminoaniline-2HCl 4×10^{-4} mole and water qs to 100 g. The above compn. contained a supporting compn. consisting of the conventional **hair** formulation components.

IT **60712-19-8 721915-78-2 721915-85-1**
721915-89-5 721915-97-5 721915-99-7
721916-01-4

(**hair dye** compns. comprising acylaminophenol **coupler**)

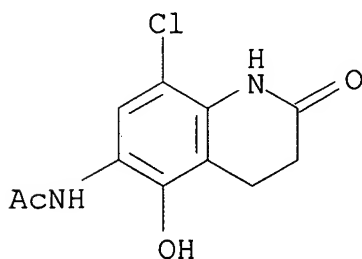
RN 60712-19-8 HCA

CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-2-oxo-6-quinolinyl)-
(9CI) (CA INDEX NAME)



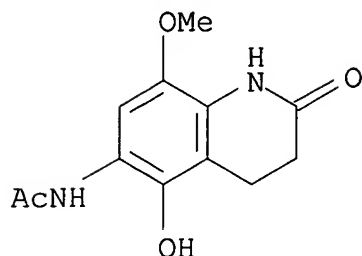
RN 721915-78-2 HCA

CN Acetamide, N-(8-chloro-1,2,3,4-tetrahydro-5-hydroxy-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



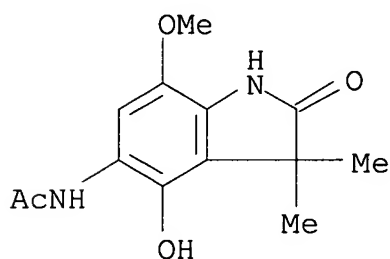
RN 721915-85-1 HCA

CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-8-methoxy-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



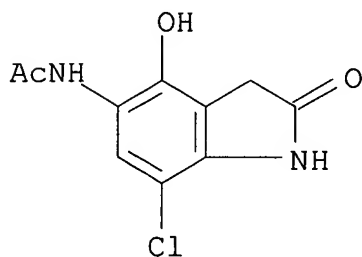
RN 721915-89-5 HCA

CN Acetamide, N-(2,3-dihydro-4-hydroxy-7-methoxy-3,3-dimethyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



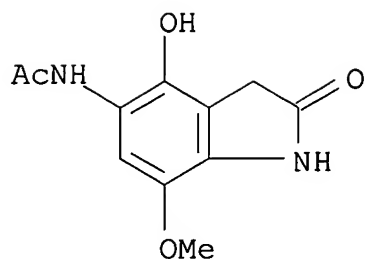
RN 721915-97-5 HCA

CN Acetamide, N-(7-chloro-2,3-dihydro-4-hydroxy-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



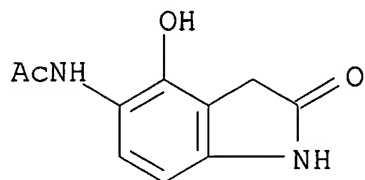
RN 721915-99-7 HCA

CN Acetamide, N-(2,3-dihydro-4-hydroxy-7-methoxy-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



RN 721916-01-4 HCA

CN Acetamide, N-(2,3-dihydro-4-hydroxy-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



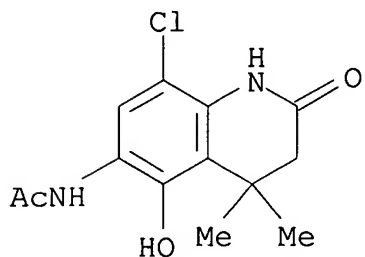
IT 465535-09-5P 721915-54-4P 721915-56-6P

721915-59-9P 721915-61-3P 721915-63-5P

(hair dye compns. comprising acylaminophenol coupler)

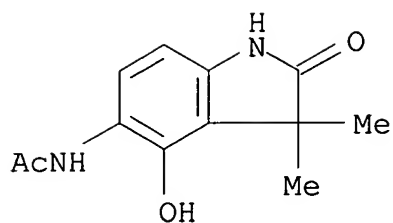
RN 465535-09-5 HCA

CN Acetamide, N-(8-chloro-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)

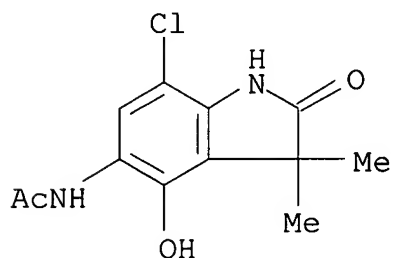


RN 721915-54-4 HCA

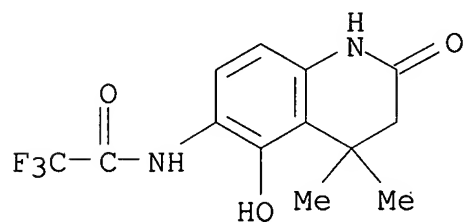
CN Acetamide, N-(2,3-dihydro-4-hydroxy-3,3-dimethyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



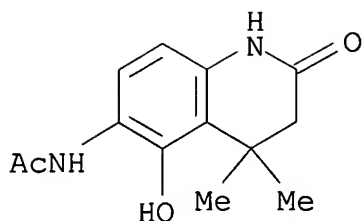
RN 721915-56-6 HCA
CN Acetamide, N-(7-chloro-2,3-dihydro-4-hydroxy-3,3-dimethyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



RN 721915-59-9 HCA
CN Acetamide, 2,2,2-trifluoro-N-(1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)

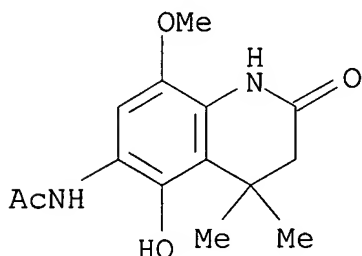


RN 721915-61-3 HCA
CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



RN 721915-63-5 HCA

CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-8-methoxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



IC ICM A61K007-13

CC 62-3 (Essential Oils and Cosmetics)

Section cross-reference(s): 28

ST acylaminophenol **coupler hair dye**
prepn; aminophenol acyl **coupler hair dye**
prepn

IT Phenols, biological studies
(amino; **hair dye** compns. comprising
acylaminophenol **coupler**)

IT Amines, biological studies
(diamines, arom.; **hair dye** compns. comprising
acylaminophenol **coupler**)

IT **Hair** preparations
(**dyes**, oxidative; **hair dye** compns.
comprising acylaminophenol **coupler**)

IT **Hair** preparations
(**dyes**; **hair dye** compns. comprising
acylaminophenol **coupler**)

IT Oxidizing agents
(**hair dye** compns. comprising acylaminophenol
coupler)

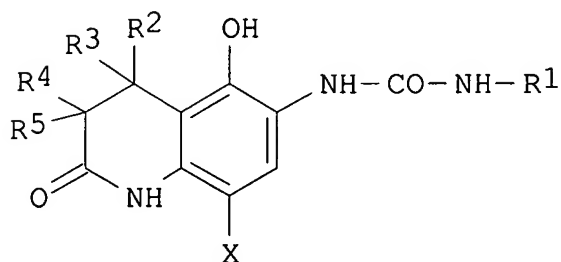
IT Bromates
(**hair dye** compns. comprising acylaminophenol
coupler)

- IT Salts, biological studies
(of peroxy acids; **hair dye** compns. comprising
acylaminophenol **coupler**)
- IT Amines, biological studies
(phenolic; **hair dye** compns. comprising
acylaminophenol **coupler**)
- IT Amines, biological studies
(phenylalkyl; **hair dye** compns. comprising
acylaminophenol **coupler**)
- IT 95-55-6D, o-Aminophenol, derivs. 106-50-3D, p-Phenylenediamine,
derivs. 123-30-8D, p-Aminophenol, derivs. 124-43-6 7722-84-1,
Hydrogen peroxide, biological studies 9035-73-8, Oxidase
60712-19-8 721915-72-6 721915-74-8 721915-76-0
721915-78-2 721915-81-7 721915-83-9 **721915-85-1**
721915-87-3 **721915-89-5** 721915-91-9 721915-93-1
721915-95-3 **721915-97-5** **721915-99-7**
721916-01-4 721916-03-6 721916-05-8 721916-07-0
(**hair dye** compns. comprising acylaminophenol
coupler)
- IT **465535-09-5P** **721915-54-4P** **721915-56-6P**
721915-59-9P **721915-61-3P** **721915-63-5P**
(**hair dye** compns. comprising acylaminophenol
coupler)
- IT 115350-61-3 122014-16-8 721915-66-8 721915-68-0 721915-70-4
(**hair dye** compns. comprising acylaminophenol
coupler)

L28 ANSWER 6 OF 9 HCA COPYRIGHT 2005 ACS on STN

138:9591 Heat-developable photographic material. Kato, Kazunobu (Fuji
Photo Film Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2002341484
A2 20021127, 45 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP
2001-203372 20010704. PRIORITY: JP 2001-67988 20010312.

GI



I

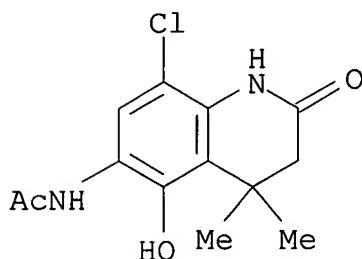
AB In the heat-developable photog. material having (a) a photosensitive Ag halide, (b) an org. Ag salt, (c) a reducing agent, and (d) an org. binder on a support, the heat-developable photog. material contains a compd. I (R1 = alkyl, aryl, etc.; R2-5 = H, halo, alkyl, alkoxy, etc.; X = H, halo, alkoxy, aryloxy, etc.; and n = 0, 1). The use of I in the heat-developable photog. emulsion shortens the heat-developing time without increasing the fogging.

IT **465535-09-5**

(heat-developable photog. emulsion from)

RN 465535-09-5 HCA

CN Acetamide, N-(8-chloro-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



IC ICM G03C001-498

ICS G03C001-498

CC 74-2 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)

IT 107444-89-3 185463-28-9 **465535-09-5** 469912-35-4

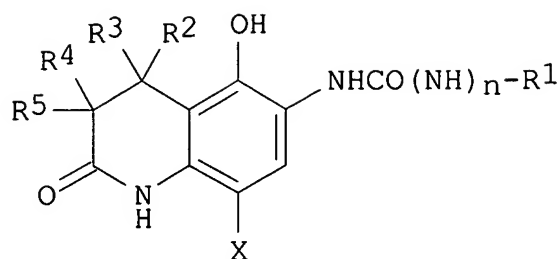
476447-26-4 476447-27-5 476447-28-6 476447-29-7 476447-30-0

(heat-developable photog. emulsion from)

L28 ANSWER 7 OF 9 HCA COPYRIGHT 2005 ACS on STN

137:286531 Color thermographic recording media. Kato, Kazunobu (Fuji Photo Film Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2002287296 A2 20021003, 42 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2001-94184 20010328.

GI



I

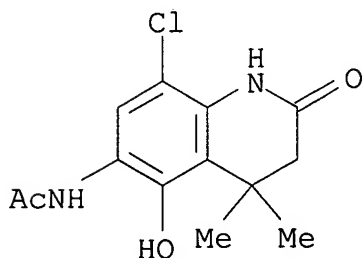
AB The invention refers to a color thermog. recording media comprising a reducing agent, a color imaging material, an org. Ag salt, and a org. binder on a substrate, wherein the reducing agent is given by Q1NHNHQ2 [Q1 = arom. ring or unsatd. sing joined to N by C; Q2 = carbamoyl, acyl, alkoxycarbonyl, aryloxycarbonyl, sulfonyl or sulfamoyl], and the color imaging material is I [R1 = alkyl, aryl or heterocyclic; R2-5 = H, halo, alkyl, alkoxy, carbamoyl or nitryl, and R2,3 and R4,5 may each form an alkylidene, or join together to form rings; X = a substituent or atom which is removed through an oxide coupling reaction with the reducing agent; n = 0,1].

IT **465535-09-5**

(color thermog. imaging and recording media)

RN 465535-09-5 HCA

CN Acetamide, N-(8-chloro-1,2,3,4-tetrahydro-5-hydroxy-4,4-dimethyl-2-oxo-6-quinolinyl)- (9CI) (CA INDEX NAME)



IC ICM G03C001-498

ICS G03C001-498

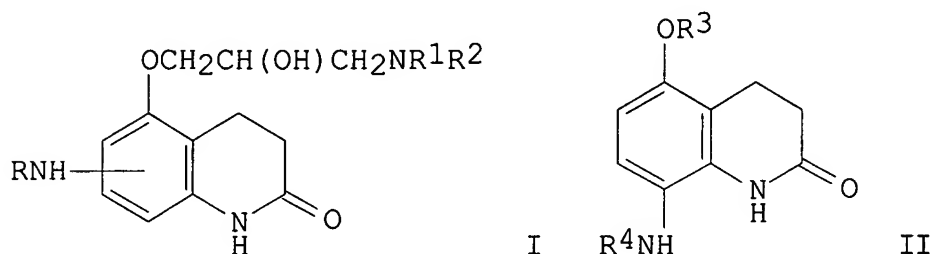
CC 74-9 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)

IT 2489-05-6, Silver docosanoate 3507-99-1, Silver stearate
 7785-23-1, Silver bromide 53770-52-8 99661-32-2 107444-89-3
 182297-11-6 185463-28-9 205367-84-6 245106-74-5 301316-92-7
465535-09-5 465535-10-8 465535-11-9 465535-12-0
 465535-13-1 465535-14-2

(color thermog. imaging and recording media)

L28 ANSWER 8 OF 9 HCA COPYRIGHT 2005 ACS on STN
 88:50671 3,4-Dihydrocarbostyryl derivatives. Oshiro, Yasuo; Nakagawa, Kazuyuki (Otsuka Pharmaceutical Co., Ltd., Japan). Ger. Offen. DE 2719562 19771124, 69 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1977-2719562 19770502.

GI



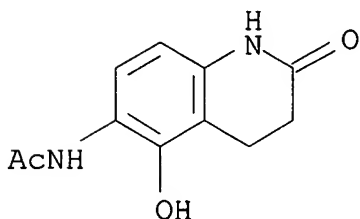
AB Thirty carbostyryl derivs. I (R = alkanoyl, cycloalkylcarbonyl, alkylsulfonyl, arylsulfonyl, H₂NCO, carbalkoxy; R₁, R₂ = H, alkyl, phenylalkyl, phenoxyalkyl; R₁R₂N = piperidino, 1-piperazinyl, etc.) were prepd. for use as .beta.-adrenergic blocking agents. Thus, II (R₃ = R₄ = H) was treated successively with Ac₂O and epichlorohydrin to give II [R₃ = ClCH₂CH(OH)CH₂, R₄ = Ac) which reacted with 3,4-(MeO)₂C₆H₃CH₂CH₂NH₂ to give I [RNH = 8-AcNH, R₁ = 3,4-(MeO)₂C₆H₃CH₂CH₂, R₂ = H]. I were tested on rats and dogs and the results were tabulated.

IT **60712-19-8**

(reaction of, with epichlorohydrin)

RN 60712-19-8 HCA

CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-2-oxo-6-quinolinyl)-
 (9CI) (CA INDEX NAME)



IC C07D215-38

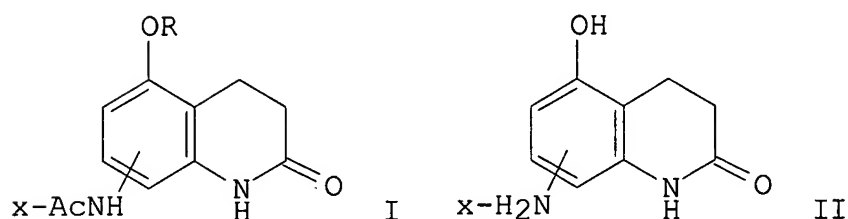
CC 27-18 (Heterocyclic Compounds (One Hetero Atom))

IT **60712-19-8**

(reaction of, with epichlorohydrin)

L28 ANSWER 9 OF 9 HCA COPYRIGHT 2005 ACS on STN
85:159912 Acetamido-3,4-dihydrocarbostyryl derivatives. Nakagawa, Kazuyuki; Uchida, Minoru; Oka, Kimiaki (Otsuka Pharmaceutical Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 51048675 19760426 Showa, 3 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1974-119555 19741017.

GI



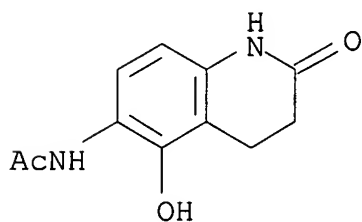
AB Acetamido-3,4-dihydrocarbostyryls I (R = H, Ac; x = 6-8) were prepd. by acetylation of II. Thus, keeping a mixt. of 0.8 g II (x = 6) Ac₂O, and concd. H₂SO₄ overnight at room temp. gave 0.5 g I (R = Ac, x = 6). The same reaction without H₂SO₄ for 2 hr gave I (R = H, x = 6). Also prepd. were I (R = H, x = 8).

IT **60712-19-8P**

(prepn. of)

RN 60712-19-8 HCA

CN Acetamide, N-(1,2,3,4-tetrahydro-5-hydroxy-2-oxo-6-quinolinyl)-
(9CI) (CA INDEX NAME)



IC C07D215-22

CC 27-18 (Heterocyclic Compounds (One Hetero Atom))

IT 60712-13-2P 60712-18-7P **60712-19-8P**
(prepn. of)